

22 August 1995

# V0\_IRD\_FPRS\_LINK

IRD	IRD_segment	IRD_text	IRD_clarification	FPRS	L3_type	L3_segment	L3_text	L3_clarification
<a href="#"><u>V0-0010</u></a>	<a href="#"><u>SDPS</u></a>	<a href="#"><u>The ECS shall provide two-way interoperability to the ESDIS V0 system IMS via Level 3 interoperability</u></a> <a href="#"><u>.</u></a>		<a href="#"><u>EOSD1695</u></a>	<a href="#"><u>interface</u></a>	<a href="#"><u>CSMS</u></a>	<a href="#"><u>The ECS shall provide 2-way interoperability with the V0 system.</u></a>	
V0-0020	CSMS	ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive User Authentication Requests [implementation issue 1].		EOSD2430	security	FOS/SDPS/CSMS	Data base access and manipulation shall accommodate control of user access and update of security controlled data.	

				SMC-5320	security	CSMS	The SMC shall establish, maintain, and authenticate access privileges for ECS scientific users.	Deleted 1255 L2 trace. DV
				E O S D 1 6 9 5	i n t e r f a c e	C S M S	T h e E C S s h a l l p r o v i d e 2 - w a y i n t e r o p e r a b i l i t y w i t h t h e V 0 s y s t e m .	

V0-0030	CSMS	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive E C S User Authentication Information [implementation issue 1].		EOSD2430	security	FOS/SDPS/CSMS	Data base access and manipulation shall accommodate control of user access and update of security controlled data.	
				SMC-5320	security	CSMS	The SMC shall establish, maintain, and authenticate access privileges for ECS scientific users.	Deleted 1255 L2 trace. DV

V0-0040	CSMS	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive V0 User Authentication Requests [implementation issue 1].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
V0-0050	CSMS	ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive V0 User Authentication Information [implementation issue 1].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

V 0 - 0 0 5 5	C S M S	V e r s i o n 0 s h a l l p e r m i t E C S t o u s e a g r e e d u p o n V e r s i o n 0 n e t w o r k c o m p o n e n t s a n d s e r v i c e s .		E O S D 1 6 9 5	i n t e r f a c e	C S M S	T h e E C S s h a l l p r o v i d e 2 - w a y i n t e r o p e r a b i l i t y w i t h t h e V 0 s y s t e m .	
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				ES N - 0 0 0 5	i n t e r f a c e	CS MS	The ESN i n t e r n a l n e t w o r k s s h a l l b e d e d i c a t e d n e t w o r k s l i n k i n g ECS f a c i l i t i e s f o r i n t e r n a l E C S o p e r a t i o n s ( e . g . , s c h e d u l i n g , p r o d u c t g e n e r a t i o n , Q A v a l i d a t i o n ) .	
6				ES N - 0 0 8 0	i n t e r f a c e	CS MS	The ESN s h a l l p r o v i d	

V0-0060	SDPS	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Requests via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0610	functional	SDPS	The IMS shall provide the capability to search the data inventory which describes each granule of EOSDIS data.	

				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
V0-0070	SDPS	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	



				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
V0-0080	SDPS	The ECS shall have the capability to send and the ESDIS V0 IMS shall have the capability to receive Guide Search Requests via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
				IMS-0600	interface	SDPS	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	

				IMS-0390	interface	SDPS	The IMS shall maintain or provide access to directory entries for all data sets accessible through the IMS search and order service.	
V0-0090	SDPS	The ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Guide Search Results via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
				IMS-0390	interface	SDPS	The IMS shall maintain or provide access to directory entries for all data sets accessible through the IMS search and order service.	

				IMS-0600	interface	SDPS	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	
V0-0100	SDPS	The ECS shall have the capability to send and the ESDIS V0 IMS shall have the capability to receive Browse Requests via V0 protocols.		IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

				E O S D 1 6 9 5	i n t e r f a c e	C S M S	T h e E C S s h a l l p r o v i d e 2 - w a y i n t e r o p e r a b i l i t y w i t h t h e V 0 s y s t e m .	
V0- 0110	SDPS	The ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive and Browse Results via V0 protocols.		EOSD16 95	interfa ce	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
V0-0120	SDPS	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Product Requests via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	
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				I M S - 0 9 1 5	i n t e r f a c e	S D P S	T h e I M S s h a l l p r o v i d e a n i n t e r f a c e t o t h e V e r s i o n 0 s y s t e m f o r o r d e r i n g d a t a p r o d u c t s t o b e d e l i v e r e d d i r e c t l y t o t h e u s e r , o r a s s p e c i f i e d i n I C D s .	
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V0-0150	SDPS	ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0160	SDPS	ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Results via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0170	SDPS	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Guide Search Requests [implementation issue 2].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0180	SDPS	The ECS shall have the capability to send and V0 ESDIS IMS shall have the capability to receive Guide Search Results [implementation issue 2].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0190	SDPS	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0200	SDPS	The ECS shall have the capability to send and V0 ESDIS IMS shall have the capability to receive Browse Results [implementation issue 2].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	

V0-0230	SDPS	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
				IMS-0625	interface	SDPS	The IMS shall provide bi-directional interoperability between ECS and V0 for access to the inventory metadata, guide information, and browse products via level III catalog interoperability as specified in ICDs.	



V0-0240	SDPS	ECS and Version 0 shall exchange pricing information, as necessary.		IMS-0915	interfa ce	SDPS	The IMS shall provide an interface to the Version 0 system for ordering data products to be delivered directly to the user, or as specified in ICDs.	Interface is bi-directional
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V0-0260	SDPS	The DAACs V0 IMS shall have the capability to send and ECS shall have the capability to receive Migration Metadata.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0270	SDPS	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Data Products.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0280	SDPS	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Browse Data.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0290	SDPS	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Documentation Data.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a.Standard products b.Associated correlative data sets c.Associated ancillary data sets d.Associated calibration data sets e.Associated metadata f.Documents g.Algorithms.	
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V0-0300	SDPS	The DAAC V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Ancillary Data and Correlative Data.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0310	SDPS	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Data Products.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0320	SDPS	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Browse Data.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0330	SDPS	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Metadata.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
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V0-0331	SDPS	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Data Products according to the agreed schedule.		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
V0-0340	SDPS	The ECS shall have the capability of ingesting migration data in the following data format (s): a. HDF b. native format c. TBD		DADS0800	functional	SDPS	Each DADS shall provide the capability to translate input data to the internal ECS format including HDF.	

V0-0350	SDPS	<p>The ECS shall have the capability of receiving data products from the DAAC(s) V0 system on the following media:</p> <ul style="list-style-type: none"> <li>a. CD-ROM</li> <li>b. 4mm tape</li> <li>c. 8mm tape</li> <li>d. 6250 bpi magnetic tape</li> <li>e. electronic transfer</li> </ul>		DADS0250	functional	SDPS	<p>Each DADS shall receive, at a minimum, data in the following forms:</p> <ul style="list-style-type: none"> <li>a. Physical electronic media</li> <li>b. Electronic communications network</li> <li>c. Hardcopy media</li> </ul>	Deleted 604 L2 trace. DV
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V0-0360	SDPS	The ECS and DAAC(s) shall have the capability to exchange Migration Coordination messages [implementation issue 3].		DADS0465	functional	SDPS	The DADS shall provide storage for the following Version 0 data: a. Standard products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	
V0-0370	SDPS	The DAAC(s) shall have the capability to send and ECS shall have the capability to receive Advertising Information [implementation issue 6].		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	

V0-0380	SDPS	ECS shall have the capability to send and the ESDIS IMS team shall have the capability to receive Dependent Valid Information.		EOSD1695	interface	CSMS	The ECS shall provide 2-way interoperability with the V0 system.	
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